BRUHAT BANGALORE MAHANAGARA PALIKE
RAJARAJESHWARI NAGARA ZONE

ame Work: Construction of Compound wall to Children Play Area ,Kerb painting and Other evelopment in J.P Park in Ward No 17 RRN Zone.

ob Code:- **Est Cost :** **3000000.00**

Sl No	Description of work	Unit	Nos	L	B	D	Qty	Rate	Amount
1	Earthwork in surface excation in **hard soil** for leveling and lowering the ground manually (Other than foundation of buildings, culverts, road drains and trenches of pipe lines and cable) and removing the excavated stuff to distance not exceeding 50m and lift up to 1.5m excavated surface leveled and neatly dressed disposed as per specification. pathway and as per the direction of the engineer in charge of the work - in hard soil PWD(BC) SR 2011-12 Item No.2.1 Page No.5								
	Basic Rate	164.00	9.84	173.84					
	Chidren play area		1	24.00	25.00	0.25	150.00		
							150.00	173.84	26076.00
2	Earthwork excavation for foundation of buildings, water supply sanitary lines and electrical conduits either in pits or in trenches 1.5m. In and above in width, in **hard soil** not exceeding 1.5m in depth including dressing in bottom and sides of pits and trenches, stacking the excavated soil clear from edges complete as per specifications. and as per the direction of the engineer in charge specifications. and as per the directions of the engineer in charge of the work PWD(BC) SR-2011-12 Item No.2.40 Page No.5								
	Basic Rate	211.00	12.66	223.66	Cum				
	Chidren play area		1	43.20	0.90	0.90	34.99		
	Benches		27	1.20	2.00	0.30	19.44		
	Water Supply Near Opp Vangevana		1	182.00	0.60	0.45	49.14		
							103.57	223.66	23164.00
3	Providing and laying in position plain cement concrete of mix M7.5 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Page No 12 Item No 4.3								
	Basic Rate	3973.00	238.38	4211.38	Cum				
	Chidren play area		1	43.20	0.90	0.15	5.83		
	Circular Big Gazebo at Plam Garden	3.14	4.50	4.50	63.59	0.15	9.54		
	Pathway		1	7.30	2.50	0.15	2.74		
	Bambovana Gzebo		1	4.15	2.55	0.15	1.59		
	M.K.Nagaar Gazebo		1	4.15	2.95	0.15	1.84		
	Benches		27	1.20	2.00	0.15	9.72		
							[illegible]	[illegible]	[illegible]

Sl No	Description of work	Unit	Nos	L	B	D	Qty	Rate	Amount
							31.25	4211.38	131606.00
4	Providing and constructing granite / trap / basalt size stone masonry in Foundtaion with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. (Page No.26, Item No.5.6)								
	Basic Rate	3287.00	197.22	3484.22	Cum				
	Chidren play area		1	43.60	0.75	0.75	24.53		
		Cum					24.53	3484.220	85468.00
5	Providing and constructing granite / trap / basalt size stone masonry in Basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. (Page No.26, Item No.5.6)								
	Basic Rate	3914.00	234.84	4148.84	Cum				
	Chidren play area		1	43.60	0.60	0.45	11.77		
		Cum					11.77	4148.840	48832.00
6	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 Page No 12 Item No 4.6								
	Basic Rate=		4425.00	265.50	4690.50				
	Chidren play area		1	43.60	0.60	0.10	2.62		
	Chidren play area Wall		1	43.60	0.23	0.10	1.00		
	Circular Big Gazebo at Plam Garden	3.14	4.50	4.50	63.59	0.10	6.36		
	Pathway		1	7.30	2.50	0.10	1.83		
			2	7.30	0.30	0.10	0.44		
	Bambovana Gzebo		1	4.15	2.55	0.10	1.06		
	M.K.Nagaar Gazebo		1	4.15	2.95	0.10	1.22		
	Benches		27	1.20	2.00	0.10	6.48		
							21.00	4690.50	98501.00
7	Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. (Page No.119, Item No.15.3)								
	Basic Rate	74.00	4.44	78.44	Sqm				
	Chidren play area		2	43.60		0.45	39.24		
							39.24	78.44	3078.00
8	KSRB 6-1.3 : Providing and constructing burnt brick masonry for basement and superstructure with approved quality of non-modular bricks of standard size of class designation 35 with cement mortar 1:6 including cost of materials, labour charges, scaffolding, curing complete as per specifications. Specification No. KBS 6.2 Page No 30 Item No 6.3								

Sl No	Description of work	Unit	Nos	L	B	D	Qty	Rate	Amount
	Rate=BR+6%AW	4733.00	283.98	5016.98	Cum				
	9" Wall GF		1	43.60	0.23	1.00	10.03		
							10.03	5016.980	50320.00
9	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Page No 120 Item No 15.16								
	Rate=BR+6%AW	177.00	10.62	187.62	Sqm				
	9" Wall GF		2	43.60		1.00	87.20		
							87.20	187.62	16360.00
10	Providing and fixing M.S.Grill over existing compound wall as perChief Architect drawing No. 12686, using 16mm x 16mm M.S.Squarerod at 150mm c/c spacing and 6mm x 40mm M.S. flats at horizontaland 6mm x12mm M.S. flat for ornamental design and providing shopedge desgn at the vertex of every vertical rods, including welding, grindingwherever necessary. All the steel surface should be thoroughly cleanedfree of rust and painted with anti corrosive paint (shop paint) etc.,complete. The work includes cost of all materials, labour charges forall items of work, hire charges for welding, cutting and grindingequipment, and electricity charges, etc., complete as per specification. P-47, I-7.36								
	Basic Rate=		5526.00	331.56	5857.56				
	Grill		1	43.60		1.00	43.60		
							43.60	5857.56	255390.00
11	Supplying sand PW SR Page-II I.No.0731 Basic Rate Pii Ino28= = 1300/cum Lead chargesP147 2.00x1.60x50. =160.00 Loading/un loading P-141 ,Ino17.10 =62.20 Total Rs= 1522.20/cum								
	Chidren play area New		1	21.60	22.00	0.15	71.28		
	Existing C.Play area		1	21.60	18.00	0.15	58.32		
	3.14*13*13 C.p 1		3.14	13.00	13.00				
					530.66	0.15	79.60		
	Near Center A		1	22.77	22.50	0.15	76.84		
	B		1	17.38	16.50	0.15	43.00		
	CP Below 5 Years		1	17.00	26.00	0.15	66.30		
	Near Muthyalanagara CP Area		1	18.15	24.40	0.15	66.43		
							461.77	1522.20	702906.00
12	Providing Precast, Urcon Tiles, Red colour for FootPath 20mm thick using Marble chips at 7-10 nominal size laid on bed CM 1:3 mix & jointed with red oxide cement. Slurry mixed pigment to match the shade of tiles. Rubbing, polishing oxalic acid wash, wax polish, including cost of all materials and labour as per Data Rate approved								
	1250.00 Sqm								
	Circular Big Gazebo at Plam Garden	3.14	4.50	4.50	63.59		63.59		

Sl No	Description of work	Unit	Nos	L	B	D	Qty	Rate	Amount
	M.K.Nagaar Gazebo		1	4.15	2.95		12.24		
	Navagraha vana	3.14	4.50	4.50	63.59		63.59		
							139.41	1250.00	174263.00
13	Supplying and fixing new Mangalore tiles on existing reepers P-270, I-37.9								
	Basic Rate=		319.00	19.14	338.14	Sqm			
	Top								
	Bambo vanaa Gazebo	0.50	3	3.00	3.40		15.30		
	M.K.Nagaar Gazebo	0.50	6	3.00	3.50		31.50		
	Bottom								
	Bambo vanaa Gazebo	0.50	3	3.00	3.40		15.30		
	M.K.Nagaar Gazebo	0.50	6	3.00	3.50		31.50		
							93.60	338.14	31650.00
14	Providing Mangalore Ridge tiles set in C.M. 1:2 and pointed with C.M. P-270, I-37.7								
	Basic Rate=		144.00	8.64	152.64	m			
		3	6	3.50			63.00	152.64	9616.00
15	Providing and fixing. Supplying 65mm dia MS dooms and MS base plates of 10mm thick placing in position on top of MS poles and welding wherever necessary and applying one coat of red oxide primer to all the members including cost of all materials, labour charges and hire charges of machinery, equipments with all lead, lift transportation etc. complete								
			240.00				240.00	385.00	92400.00
16	Providing and fixing Joint bench of Granite made out of Sadarahalli Grey tone legs with back supporting with 150mm slab with 4line finishing. all cessories and with all lead and lift, loading and unloading etc., complete and as per approved design. Data Rate 10500.00								
			27				27.00	10500.00	283500.00
17	Providing fabricating MS Tubular RHS Pipe For Frame For Granite Benches using 100x50x4.05mm Tubular Section of 1.00 each Length 2 Nos for Legs and 63x25.40x3.65mm RHS of Length 1.50 mtr 2 Nos for Side Supporting for Bottom and Back supports using 63x25.40x3.65mm of Length 1.60 mts 4Nos Hoisting Straighting Cutting, Bending, Welding, Grainding to Shape 2 Coat of Shop Paint of Zink Cromate and 2 Coat of Enamel Painting of approved Colour, Fixing Black Granite of 40mm thick for Bottom in above frame and Less are Fixed in CC 1:2:4 Cutting Contrit Fixing Cost of material, Labour, HOM of machinery with all lead and lift Charges Etc Complete as per (Data rate)								
			10				10.00	19000.00	190000.00
18	Specifacation :Fabricating, Supplying and erecting to Plumb and line, Stainless steel pipe railings as per approvid drawings using 75mm square 14 gauge pipe for verticals and neatly grinded. SS cups on either S.S pipe welded to the square Pipe. Two plates 10mm thick welded at bottom for base grip. All the joist welding including grinding, Finishing, matel patty and painting two coats of Fountion of size 0.30x0.30x0.60 and filling with C.C 1:2:4. The sets are inclusive of all materials, job work, Loding unloding etc., complete. The work should be carried as per the drawing and directions of the Enginee-in-Charge of the work. (with Available SS Pipes) as Per Data Rate to be approved								
	Data Rate 4600.00		Rmtr						
			1	27.00			27.00	4600.00	124200.00